

Heavy Offset Disks



Tandem Disks



DH51 • DH52 • DH53 • TM51 Series



Heavy Offset Disks

Everything you've ever wanted

Tillage jobs are never as easy as they seem because not every disk in the industry is designed to offer you the durability and performance that you need to see tough projects through to the end. That is, until now.

Introducing the **Frontier Heavy Offset Disks**. They're everything you're looking for in a disk. But what does 'everything' mean to you? It means a **rugged, construction-grade frame built into an Ag disk**. We figured if it's good enough to stand up to the punishment of bigger commercial jobs, then it's more than ready to handle your chores.

'Everything' also includes **17 dependable models** to cover just about the entire range of today's tillage operations. Why so many? That's simple. Since not all jobs are the same, we made sure we considered every customer. Best of all, each disk offers the same high load absorption to take on your field conditions and your challenges, but with **a variety of blade sizes, weights, and spacing's** to meet your specific needs.

Lastly, 'everything' includes you – an impressive lineup of disks mean nothing if our customers can't afford them. So Frontier made sure that these disks not only perform well, but also **work well within your budget**. Affordability for you means...well, 'everything' to us.



Whether you're mixing soil, renovating pasture, disking heavy residue or cutting down tough stubble, the Frontier Heavy Offset Disks are ready to take on any task and any application. What's more, they plow through challenging field conditions without plugging or soil build-up.



With a weight-per-blade of 240 to 533 pounds, a penetration depth of nine inches, 10.5- or 12-inch blade spacing, and 26- to 32-inch diameter blades, Frontier Heavy Offset Disks provide high performance to fulfill all of your disking needs.



Durability is never an issue with these battle-tested disks. The DH51, DH52 and DH53 Series are all designed with a sturdy construction frame so that you can tackle each job with more confidence, one to the next.

to break through hard, compacted soil

www.BuyFrontier.com

Tandem Disks

All-purpose disks with attitude

What's in your field? Heavy residue and hard ground? Wet, gummy soil, perhaps? Or maybe rocks, debris, and other obstructions? Regardless of your conditions, the **Frontier TM51 Series Tandem Disks** are exceptional when it's time to really dig in on a tough day's work. But it's not all power and performance...it's so much more.

Five sturdy models made of high-strength tubular steel set this family of disks apart from the rest. Each model is ready to take a huge pounding, and eager to give it back. Massive blades let you muscle through large operations, with all the essentials of a high-impact disk, like ample weight-per-blade and large blade diameters. You'll experience the kind of penetration reserved for only the most aggressive tillage tools.

Plus, Frontier Tandem Disks offer **greater maneuverability**. The hydraulic folding wings make it quick and simple to get these disks through narrow roadways. And a lower transport height gives you some much-needed breathing room under bridges and overheads.

Bottom line: they're not just field-proven, they're all-around proven! So go ahead and take these disks out on your next job, preferably a tough one. It's what they were made for.



The better you design a disk, the better the performance. That's why Frontier Tandem Disks feature a weight-per-blade of 309 to 370 pounds, a penetration depth of nine inches, 10.5-inch blade spacing, and 26- to 28-inch diameter blades, to give you everything you need for quality results.

Built with one of the toughest frames you'll find on a disk, and hydraulically folding wings, the TM51 Series comes stacked with a frame that's not only stable and long-lasting, but convenient and time-saving as well.

Frontier Tandem Disks are the ultimate in soil management. They mix and bury a variety of residue, from light and loose to hard and heavy residue. Whether it's corn or soybean fields, cane or cotton stubble, these disks meet the job head on.

All the features you need for taking on the toughest

Details – Frontier Heavy Offset and Tandem Disks

From the factory to the field

When you purchase a Frontier disk, you can be certain that it's built to withstand the toughest conditions – job after job, year after a year.

That's because we've included the features that make a great disk...well, great. This way you get the productivity you demand, every time. From the heavy-duty frames, to the massive weight on each blade, the Frontier Heavy Offset and Tandem Disks offer one thing above all else: quality.

And when we say "quality," we're talking quality parts, quality assembly, and quality performance. Read more about the dependable features that are built into our disks. You'll see why we stand by the promise of 'rugged, reliable, and ready'. Visit your local John Deere dealer, your exclusive source of Frontier Equipment, for more information, or for sales and support.



Whether you prefer smooth blades for a clean, flush cut...or notched blades for more forceful penetration, these disk blades can be ordered with two concavities to choose from – a shallow concave for better penetration and less soil throw, or a deeper concave to bury more residue.



A sturdy, adjustable level-lift hitch preserves balance and direction for even greater tillage results. Instead of transferring weight to your tractor, the hitch ensures that the weight stays on the disk blades. Plus, this design lets you make short, tight turns while maintaining excellent blade penetration.



End washers help to keep the gang shaft end nut tightly fastened on the blade while working.



Tapered dual roller bearings, an important feature in giving Frontier Disks incredible durability, are enclosed in an oil-bath case to keep out dirt and debris for longer wear life and maintained performance.



For added stability, Frontier disks are equipped with a durable spool that fits within the curve of the disk blade to ensure that the gangs stay tight and secure.



The front hitch is designed with a heavy-duty cast so it won't wear out. Best of all, you get proper pull of the disk for more consistent performance in your operation.



Fully adjustable blade scrapers prevent wear when working in light dry soil, and allow non-stop disking even in wet, sticky soil.



Use the rear hitch to pull an additional attachment – like a harrow – to maximum your productivity.



Change gang angle to match your field conditions. Increase the angle to be more aggressive in heavy residue, or reduce gang angle when operating in lighter soils.



This handy gang wrench (*seen here in storage position*) is ideal for checking torque on the gangs and making sure they are tight for optimal performance.



When transporting the disk, the leveling linkage keeps the machine level from front to rear so there's no damage to the disk blades. In working position, the linkage promotes stability over rough terrain for a smooth, consistent soil profile.



Our over-center locking wing design, used on the 21- to 24-foot offset disks, helps to ensure a level soil surface by preventing the wings from flexing up during operation.



To set blade depth, use the hydraulic lift cylinder. Convenient cylinder-stops keep the disks wheels from raising too high and prevent the blades from setting too deep (*inset of cylinder-stops shown in storage position*).



Tandem flotation tires provide level disking depth to give you a smooth soil profile, and improved weight distribution for a steadier ride during transport.

Additional Details – Tandem Disks (TM51 Series only)



Frontier Tandem Disks feature dual folding cylinders, enabling the left and right sides of the frame to hydraulically fold over center. With this compact fold, you have a more narrow transport width.



Hydraulic wing control valve allows varying hydraulic pressure to the wing-fold cylinders, which transfers weight from the mainframe to the wings for improved penetration in hard ground or heavy soil.



The TM51 Series offers an offset tandem formation to give you more coverage on each pass, with no need for a middle buster.

The End Result Matters

Tandem Disks

Not every job is the same, and not every operator is the same. For customers who prefer a rugged, high-powered disk harrow with the convenience of quick and easy folding, Frontier presents the TM51 Series Tandem Disks.

Size large tillage projects up with this groundbreaking workhorse. Thick, compacted soil is no match for the heavy-duty frame, massive blades, and aggressive penetration. With five durable models to choose from, you can't go wrong.

The TM51 Series is all-purpose...and always ready. Once the job is done, going from field to storage is a breeze. Hydraulic folding wings let you transport the disk through narrow widths. And because folding is quick, you can go from working one site to disking another with minimal downtime, making your day shorter and much easier.

Heavy Offset Disks

You spend enough time, fuel, and energy covering acres on one pass. You shouldn't have to come back and do a second pass.

Frontier Heavy Offset Disks offer the confidence you want when you hit the field. Go with the DH51 Series for superior penetration and soil mixing. Or check out the Frontier DH52 Series, designed with a heavier frame to give you more weight and support for tackling a wider variety of tillage jobs with ease. If that's not enough, the DH53 Series provides even more productivity for managing heavier residue and tougher soil conditions.

No matter the model, when you choose a Frontier Heavy Offset Disk, you're working with a professional tillage tool, so you can expect professional results.



This literature has been compiled for worldwide circulation. While general information, pictures and descriptions are provided, some illustrations and text may include finance, credit, insurance, product options, and accessories NOT AVAILABLE in all regions. PLEASE CONTACT YOUR LOCAL JOHN DEERE DEALER FOR DETAILS. Frontier Equipment reserves the right to change specifications, design and price of products described in this literature without notice. John Deere, the leaping deer symbol, and John Deere's green and yellow trade dress are the trademarks of Deere & Company. Copyright 2011, Frontier Equipment.

www.BuyFrontier.com